

# Figure 1A

>1864683	GGGGCTGTAC	CAGGGCGTGC	CCAGAGCTGA	GCCGGGCACC	GAGGCCCCGGA
>1711346	AC	CAGGGCGTGC	CCAGAGCTGA	GCCGGGCACC	GAGGCCCCGGA
>1711346	AC	CAGGGCGTGC	CCAGAGCTGA	GCCGGGCACC	GAGGCCCCGGA
Consensus	GGGGCTGTAC	CAGGGCGTGC	CCAGAGCTGA	GCCGGGCACC	GAGGCCCCGGA
>1864683	GACACTATGA	TGAAGGCGTT	CGGATGGGCA	GCCTGGGGCT	GTTCCCTGCAG
>1711346	GACACTATGA	TGAAGGCGTT	CGGATGGGCA	GCCTGGGGCT	GTTCCCTGCAG
>1711346	GACACTATGA	TGAAGGCGTT	CGGATGGGCA	GCCTGGGGCT	GTTCCCTGCAG
Consensus	GACACTATGA	TGAAGGCGTT	CGGATGGGCA	GCCTGGGGCT	GTTCCCTGCAG
>1864683	TGCGCCATCT	CCCTGGTCTT	CTCTCTGGTC	ATGGACCGGC	TGGTGCAGCG
>1711346	TGCGCCATCT	CCCTGGTCTT	CTCTCTGGTC	ATGGACCGGC	TGGTGCAGCG
>1711346	TGCGCCATCT	CCCTGGTCTT	CTCTCTGGTC	ATGGACCGGC	TGGTGCAGCG
Consensus	TGCGCCATCT	CCCTGGTCTT	CTCTCTGGTC	ATGGACCGGC	TGGTGCAGCG
>1864683	ATTTCGGCACT	CGAGCAGTCT	ATTTGGCCAG	TGTGGCAGCT	TTCCCTGTGG
>1711346	ATTTCGGCACT	CGAGCAGTCT	ATTTGGCCAG	TGTGGCAGCT	TTCCCTGTGG
>1711346	ATTTCGGCACT	CGAGCAGTCT	ATTTGGCCAG	TGTGGCAGCT	TTCCCTGTGG
Consensus	ATTTCGGCACT	CGAGCAGTCT	ATTTGGCCAG	TGTGGCAGCT	TTCCCTGTGG
>1864683	CTGCCGGTGC	CACATGCCTG	TCCCACAGTG	TGGCCGTGGT	GACAGCTTCA
>1711346	CTGCCGGTGC	CACATGCCTG	TCCCA		
>1711346	CTGCCGGTGC	CACATGCCTG	TCCCACAGTG	TGGCCGTGGT	GACAGCTTCA
>1913982					GACAGCTTCA
Consensus	CTGCCGGTGC	CACATGCCTG	TCCCACAGTG	TGGCCGTGGT	GACAGCTTCA
>1864683	GCCGCCCTT				
>1711346	GCCGCCCTCA	CCGGGTTTAC	CTTCTCAGCC	CTGCAGATCC	TGCCCTACAC
>1913982	GCCGCCCTCA	CCGGGTTTAC	CTTCTCAGCC	CTGCAGATCC	TGCCCTACAC
Consensus	GCCGCCCTCA	CCGGGTTTAC	CTTCTCAGCC	CTGCAGATCC	TGCCCTACAC
>1711346	ACTGGCCTCC	CTCTACCACC	GGGAGAAGCA	GGTGTTCCTG	CCCAAATACC
>1913982	ACTGGCCTCC	CTCTACCACC	GGGAGAAGCA	GGTGTTCCTG	CCCAAATACC
Consensus	ACTGGCCTCC	CTCTACCACC	GGGAGAAGCA	GGTGTTCCTG	CCCAAATACC
>1711346	GAGGGGACAC	TGGAGGTGCT	AGCAGTGAGG	ACAGCCTGAT	GACCAGCTTC
>1913982	GAGGGGACAC	TGGAGGTGCT	AGCAGTGAGG	ACAGCCTGAT	GACCAGCTTC
Consensus	GAGGGGACAC	TGGAGGTGCT	AGCAGTGAGG	ACAGCCTGAT	GACCAGCTTC
>1711346	CTGCCAGGCC	CTAAGCCTGG	AGCTCCCTTC	CCTAATGGAC	ACGTGGGTGC
>1913982	CTGCCAGGCC	CTAAGCCTGG	AGCTCCCTTC	CCTAATGGAC	ACGTGGGTGC
>825779			GCTCCCTTC	CCTAATGGAC	ACGTGGGTGC
Consensus	CTGCCAGGCC	CTAAGCCTGG	AGCTCCCTTC	CCTAATGGAC	ACGTGGGTGC
>1711346	TGGAGGCAGT	GGCCTGCTCC	CACCTCCACC	CGCGCTCTGC	GGGGCCTCTG
>1913982	TGGAGGCAGT	GGCCTGCTCC	CACCTCCACC	CGCGCTCTGC	GGGGC
>825779	TGGAGGCAGT	GGCCTGCTCC	CACCTCCACC	CGCGCTCTGC	GGGGCCTCTG
Consensus	TGGAGGCAGT	GGCCTGCTCC	CACCTCCACC	CGCGCTCTGC	GGGGCCTCTG

Figure 1B

>1711346	CCTGTGATGT	CTCCGTACGT	GTGGTGGTGG	GTGAGCCCAC	CGAGGCCAGG
>825779	CCTGTGATGT	CTCCGTACGT	GTGGTGGTGG	GTGAGCCCAC	CGAGGCCAGG
Consensus	CCTGTGATGT	CTCCGTACGT	GTGGTGGTGG	GTGAGCCCAC	CGAGGCCAGG
>1711346	GTGGTTCGGG	GCCGGGGCAT	CTGCCTGGAC	CTCGCCATCC	TGGATAGTGC
>825779	GTGGTTCGGG	GCCGGGGCAT	CTGCCTGGAC	CTCGCCATCC	TGGATAGTGC
>2626650					TGGATAGTGC
Consensus	GTGGTTCGGG	GCCGGGGCAT	CTGCCTGGAC	CTCGCCATCC	TGGATAGTGC
>1711346	CTTCCTGCTG	TCCCAGGTGG	CCCCATCCCT	GT'TTATGGGC	TCCATTGTCC
>825779	CTTCCTGCTG	TCCCAGGTGG	CCCCATCCCT	GT'TTATGGGC	TCCATTGTCC
>2626650	CTTCCTGCTG	TCCCAGGTGG	CCCCATCCCT	GT'TTATGGGC	TCCATTGTCC
Consensus	CTTCCTGCTG	TCCCAGGTGG	CCCCATCCCT	GT'TTATGGGC	TCCATTGTCC
>1711346	AGCTCAGCCA	GTCTGTCACT	GCCTATATGG	TGTCTGCCGC	AGGCCTGGGT
>825779	AGCTCAGCCA	GTCTGTCA			
>2626650	AGCTCAGCCA	GTCTGTCACT	GCCTATATGG	TGTCTGCCGC	AGGC:TGGGT
Consensus	AGCTCAGCCA	GTCTGTCACT	GCCTATATGG	TGTCTGCCGC	AGGCCTGGGT
>1711346	CTGGTCGCCA	T'TTACTTTGC	TACACAGGTA	GTATTTGACA	AGAGCGACTT
>2626650	CTGGTCGCCA	T'TTACTTTGC	TACACAGGTA	GTATTTGACA	AGAGCGACTT
>1808389					CTT
Consensus	CTGGTCGCCA	T'TTACTTTGC	TACACAGGTA	GTATTTGACA	AGAGCGACTT
>1711346	GGCCAAATAC	TCAGCGTAGA	AAACTTCCAG	CACATTGGGG	TGGAGGGCCT
>2626650	GGCCAAATAC	TCAGCGTAGA	AAACTTCCAG	CACATTGGGG	TGGAGGGCCT
>1808389	GGCCAAATAC	TCAGCGTAGA	AAACTTCCAG	CACATTGGGG	TGGAGGGCCT
Consensus	GGCCAAATAC	TCAGCGTAGA	AAACTTCCAG	CACATTGGGG	TGGAGGGCCT
>1711346	GCCTCACTGG	GTCCCAGCTC	CCCGCTCCTG	TTAGCCCCAT	GGGGCTGCCG
>2626650	GCCTCACTGG	GTCCCAGCTC	CC		
>1808389	GCCTCACTGG	GTCCCAGCTC	CCCGCTCCTG	TTAGCCCCAT	GGGGCTGCCG
Consensus	GCCTCACTGG	GTCCCAGCTC	CCCGCTCCTG	TTAGCCCCAT	GGGGCTGCCG
>1711346	GGCTGGCCGC	CAGTTTCTGT	TGCTGCCAAA	GTAATGTGGC	TCTCTGCTGC
>1808389	GGCTGGCCGC	CAGTTTCTGT	TGCTGCCAAA	GTAATGTGGC	TCTCTGCTGC
>1651121		GC	CAGTTTCTGT	TGCTGCCAAA	GTAATGTGGC
Consensus	GGCTGGCCGC	CAGTTTCTGT	TGCTGCCAAA	GTAATGTGGC	TCTCTGCTGC
>1711346	CACCCTGTGC	TGCTGAGGTG	CGTAGCTGCA	CAGCTGGGGG	CTGGGGCGTC
>1808389	CACCCTGTGC	TGCTGAGGTG	CGTAN: TGCA	CAGCTGGGGG	CTG
>1651121	CACCCTGTGC	TGCTGAGGTG	CGTAN: TGCA	CAGCTGGGGG	CTGGGGCGTC
Consensus	CACCCTGTGC	TGCTGAGGTG	CGTAG: TGCA	CAGCTGGGGG	CTGGGGCGTC
>1711346	CCTCTCCTCT	CTCCCCAGTC	TCTAGGGCTG	CCTGACTGGA	GGCCTTCCAA
>1651121	CCTCTCCTCT	CTCCCCAGTC	TCTAGGGCTG	CCTGACTGGA	GGCCTTCCAA
Consensus	CCTCTCCTCT	CTCCCCAGTC	TCTAGGGCTG	CCTGACTGGA	GGCCTTCCAA

Figure 1C

>1711346	GGGGGTTTCA	GTCTGGACTT	ATACAGGGAG	GCCAGAAGGG	CTCCATGCAC
>1651121	GGGGGTTTCA	GTCTGGACTT	ATACAGGGAG	GCCAGAAGGG	CTCCATGCAC
>3520833				GCCAGAAGGG	CTCCATGCAC
Consensus	GGGGGTTTCA	GTCTGGACTT	ATACAGGGAG	GCCAGAAGGG	CTCCATGCAC
>1711346	TGGAATGCGG	GGACTCTGCA	GGTGGATTAC	CCAGGCTCAG	GGTTAACAGC
>1651121	TGGAATGCGG	GGACTCTGCA	GGTGGATTAC	NC	
>3520833	TGGAATGCGG	GGACTCTGCA	GGTGGATTAC	CCAGGCTCAG	GGTTAACAGC
Consensus	TGGAATGCGG	GGACTCTGCA	GGTGGATTAC	CCAGGCTCAG	GGTTAACAGC
>1711346	TAGCCTCCTA	GTTGAGACAC	ACCTAGAGAA	GGGTTTTTTGG	GAGCTGAATA
>3520833	TAGCCTCCTA	GTTGAGACAC	ACCTAGAGAA	GGGTTTTTTGG	GAGCTGAATA
Consensus	TAGCCTCCTA	GTTGAGACAC	ACCTAGAGAA	GGGTTTTTTGG	GAGCTGAATA
>1711346	AACTCAGTCA	CCTGGTTTCC	CATCTCTAAG	CCCCTTAACC	TGCAGCTTCG
>3520833	AACTCAGTCA	CCTGGTTTCC	CATCTCTAAG	CCCCTTAACC	TGCAGCTTCG
Consensus	AACTCAGTCA	CCTGGTTTCC	CATCTCTAAG	CCCCTTAACC	TGCAGCTTCG
>1711346	TTTAATGTAG	CTCTTGCAATG	GGAGTTTCTA	GGATGAAACA	CTCCTCCATG
>3520833	TTTAATGTAG	CTCTTGCAATG	GGAGTTTCTA	GGATGAAACA	CTCCTCCATG
Consensus	TTTAATGTAG	CTCTTGCAATG	GGAGTTTCTA	GGATGAAACA	CTCCTCCATG
>1711346	GGATTTGAAC	ATATGAAAGT	TATTTGTAGG	GGAAGAGTCC	TGAGGGGCAA
>3520833	GGATTTGAAC	ATATGAAAGT	TATTTGTAGG	GGAAGAGTCC	TGAGGGGCAA
>2188949			GG	GGAAGAGTCC	TGAGGGGCAA
Consensus	GGATTTGAAC	ATATGAAAGT	TATTTGTAGG	GGAAGAGTCC	TGAGGGGCAA
>1711346	CACACAAGAA	CCAGGTCCCC	TCAGCCCACA	GCACTGTCCTT	TTTGCTGATC
>3520833	CACACAAGAA	CCAGGTCCCC	TCAGCCCACA	GCACTGTCCTT	TTTGCTGATC
>2188949	CACACAAGAA	CCAGGTCCCC	TCAGCCCACA	GCACTGTCCTT	TTTGCTGATC
Consensus	CACACAAGAA	CCAGGTCCCC	TCAGCCCACA	GCACTGTCCTT	TTTGCTGATC
>1711346	CACCCCCCTC	TTACCTTTTA	TCAGGATGTG	GCCTGTTGGT	CCTTCTGTTG
>3520833	CACCCCCCTC	TTACCTTTTA	TCA		
>2188949	CACCCCCCTC	TTACCTTTTA	TCAGGATGTG	GCCTGTTGGT	CCTTCTGTTG
>3497504	CTC	TTACCTTTTA	TCAGGATGTG	GCCTGTTGGT	CCTTCTGTTG
Consensus	CACCCCCCTC	TTACCTTTTA	TCAGGATGTG	GCCTGTTGGT	CCTTCTGTTG
>1711346	CCATCACAGA	GACACAGGCA	TTTAAATATT	TAACTTATTT	ATTTAACAAA
>2188949	CCATCACAGA	GACACAGGCA	TTTAAATATT	TAACTTATTT	ATTTAACAAA
>3497504	CCATCACAGA	GACACAGGCA	TTTAAATATT	TAACTTATTT	ATTTAACAAA
Consensus	CCATCACAGA	GACACAGGCA	TTTAAATATT	TAACTTATTT	ATTTAACAAA
>1711346	GTAGAAGGGA	ATCCATTGCT	AGCTTTTCTG	TGTTGGTGTC	TAATATTTGG
>2188949	GTAGAAGGGA	ATCCATTGCT	AGCTTTTCTG	TGTTGGTGTC	TAATATTTGG
>3497504	GTAGAAGGGA	ATCCATTGCT	AGCTTTTCTG	TGTTGGTGTC	TAATATTTGG
Consensus	GTAGAAGGGA	ATCCATTGCT	AGCTTTTCTG	TGTTGGTGTC	TAATATTTGG

# Figure 1D

>1711346	GTAGGGTGGG	GGATCCCCAA	CAATCAGGTC	CCCTGAGATA	GCTGGTCATT
>2188949	GTAGGGTGGG	GGATCCCCAA	CAATCAGGTC	CCCTGAGATA	GCT
>3497504	GTANGGTGGG	GGATCCCCAA	CAATCAGGTC	CCCTGAGATA	GCTGGTCATT
Consensus	GTAGGGTGGG	GGATCCCCAA	CAATCAGGTC	CCCTGAGATA	GCTGGTCATT
>1711346	GGGCTGATCA	TTGCCAGAAT	CTTCTTCTCC	TGGGGTCTGG	CCCCCAAAA
>3497504	GGGCTGATCA	TTGCCAGAAT	CTTCTTCTCC	TGGGGTCTGG	CCCCCAAAA
Consensus	GGGCTGATCA	TTGCCAGAAT	CTTCTTCTCC	TGGGGTCTGG	CCCCCAAAA
>1711346	TGCCTAACCC	AGGACCTTGG	AAATTCTACT	CATCCCAAAT	GATAATTCCA
>3497504	TGCCTAACCC	AGGACCTTGG	AAATTCTACT	CATCCCAAAT	GATAA
>3964174			AAATTCTACT	CATCCCAAAT	GATAATTCCA
Consensus	TGCCTAACCC	AGGACCTTGG	AAATTCTACT	CATCCCAAAT	GATAATTCCA
>1711346	AATGCTGTTA	CCCAAGGTTA	GGGTGTTGAA	GGAAGGTAGA	GGGTGGGGCT
>3964174	AATGCTGTTA	CCCAAGGTTA	GGGTGTTGAA	GGAAGGTAGA	GGGTGGGGCT
Consensus	AATGCTGTTA	CCCAAGGTTA	GGGTGTTGAA	GGAAGGTAGA	GGGTGGGGCT
>1711346	TCAGGTCTCA	ACGGCTTCCC	TAACCACCCC	TCTTCTCTTG	GCCCAGCCTG
>3964174	TCAGGTCTCA	ACGGCTTCCC	TAACCACCCC	TCTTCTCTTG	GCCCAGCCTG
Consensus	TCAGGTCTCA	ACGGCTTCCC	TAACCACCCC	TCTTCTCTTG	GCCCAGCCTG
>1711346	GTTCCCCCA	CTTCCACTCC	CCTCTACTCT	CTCTAGGACT	GGGCTGATGA
>3964174	GTTCCCCCA	CTTCCACTCC	CCTCTACTCT	CTCTAGGACT	GGGCTGATGA
>3705332					A
Consensus	GTTCCCCCA	CTTCCACTCC	CCTCTACTCT	CTCTAGGACT	GGGCTGATGA
>1711346	AGGCACTGCC	CAAAATTTCC	CCTACCCCCA	ACTTTCCCCCT	ACCCCCAACT
>3964174	AGGCACTGCC	CAAAATTTCC	CCTACCCCCA	ACTTTNCCCT	ACCCCCAACT
>3705332	AGGCACTGCC	CAAAATNNCC	CCTACCCCCA	ACTTTCCCCCT	ACCCCCAACT
Consensus	AGGCACTGCC	CAAAATTTCC	CCTACCCCCA	ACTTTCCCCCT	ACCCCCAACT
>1711346	TTCCCCACCA	GCTCCACAAC	CCTGTTTGGA	GCTACTGCAG	GACCAGAAGC
>3964174	TTCCCCACCA	GCTCCACAAC	CCTGTTTGGA	GCTACTGCAG	GT
>3705332	TTCCCCACCA	GCTCCACAAC	CCTGTTTGGA	GCTACTGCAG	GACCAGAAGC
>2270646		CTCCACAAC	CCTGTTTGGA	GCTACTGCAG	GACCAGAAGC
Consensus	TTCCCCACCA	GCTCCACAAC	CCTGTTTGGA	GCTACTGCAG	GACCAGAAGC
>1711346	ACAAAGTGCG	GTTTCCCCAAG	CCTTTGTCCA	TCTCAGCCCC	CAGAGTATAT
>3705332	ACAAAGTGCG	GTTTCCCCAAG	CCTTTGTCCA	TCTCAGCCCC	CAGAGTATAT
>2270646	ACAAAGTGCG	GTTTCCCCAAG	CCTTTGTCCA	TCTCAGCCCC	CAGAGTATAT
>1810610				CC	CAGAGTATAT
Consensus	ACAAAGTGCG	GTTTCCCCAAG	CCTTTGTCCA	TCTCAGCCCC	CAGAGTATAT
>1711346	CTGTGCTTGG	GGAATCTCAC	ACAGAAACTC	AGGAGCACCC	CCTGCCTGAG
>3705332	CTGTGCTTGG	GGAATCTCAC	ACAGAAACTC	AGGAGCACCC	CCTGCNTGAG
>2270646	CTGTGCTTGG	GGAATCTCAC	ACANAAACTC	AGGAGCACCC	CCTGCCTGAG
>1810610	CTGTGCTTGG	GGAATCTCAC	ACAGAAACTC	AGGAGCACCC	CCTGCCTGAG
Consensus	CTGTGCTTGG	GGAATCTCAC	ACAGAAACTC	AGGAGCACCC	CCTGCCTGAG

[illegible]

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>1711346      TA
>1810610      T
Consensus      TA
```

1864683  
 1711346  
 1711346H  
 1913982  
 825779  
 2626650  
 1808389  
 1651121  
 3520833  
 2188949  
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Figure 2

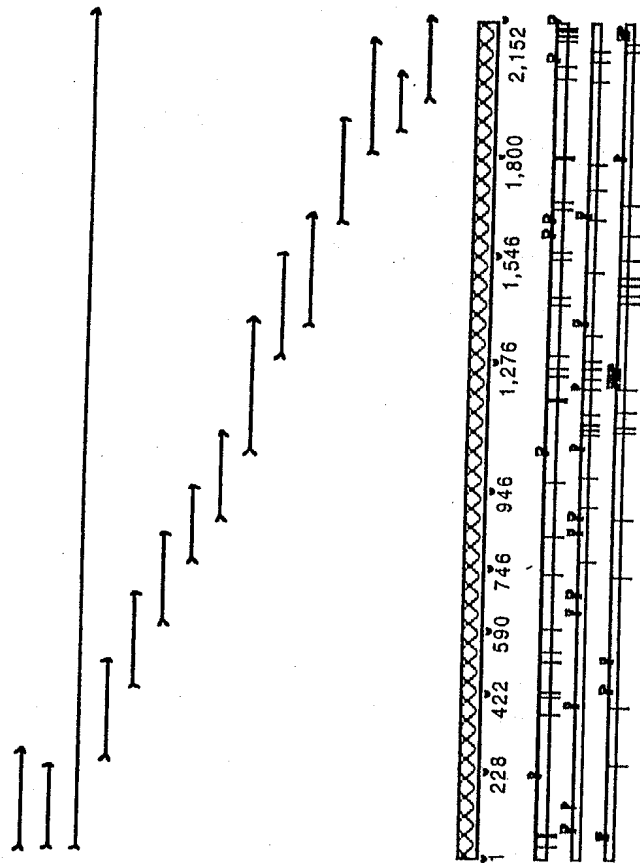
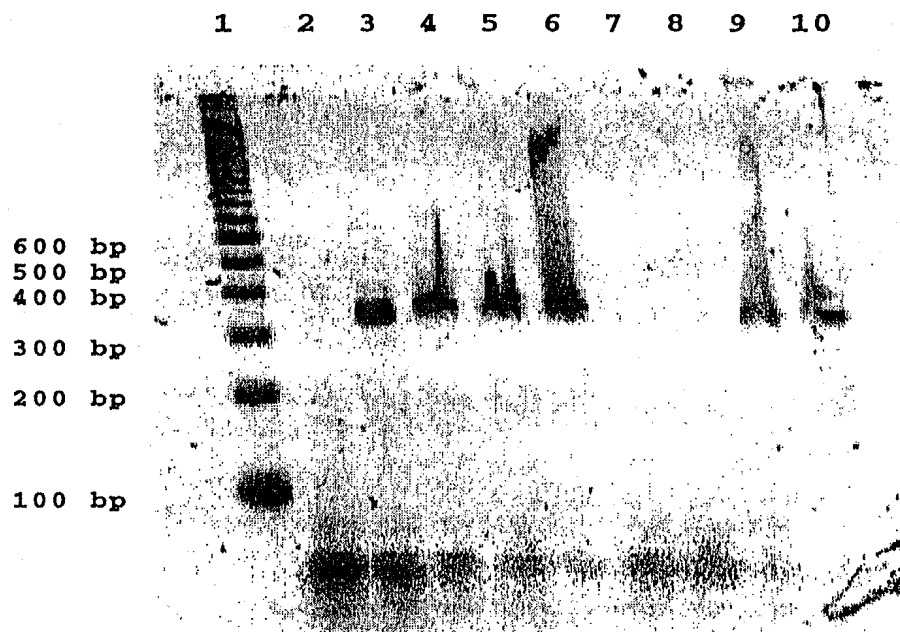
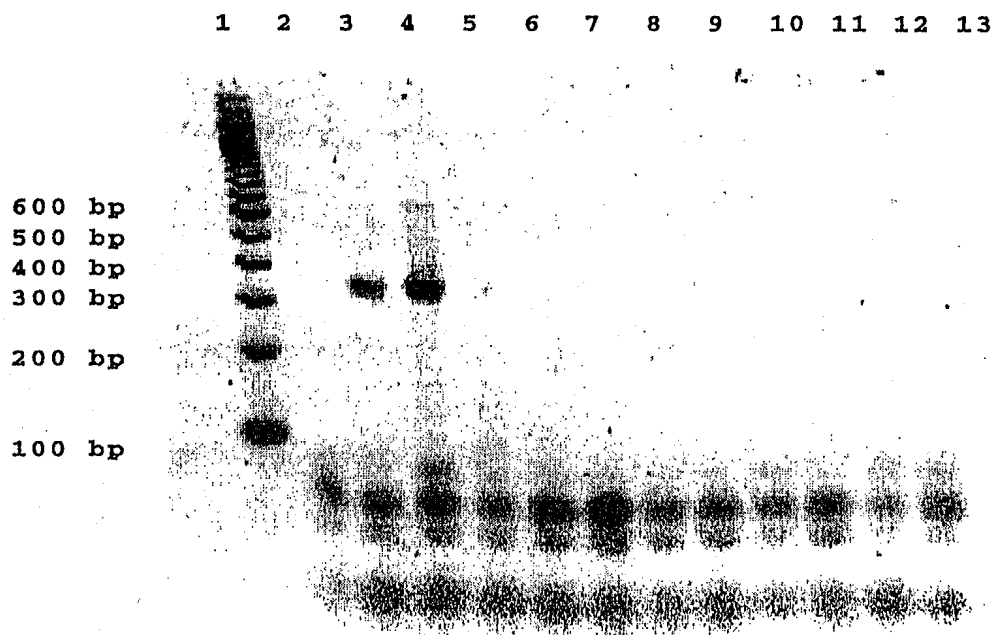


Figure 3A



Lane	Tissue	Lane	Tissue
1	100 bp DNA Marker	6	Prostate BPH
2	Placental DNA	7	Prostate Cancer
3	Prostate BPH	8	Prostate Cancer
4	Prostate BPH	9	Prostate Cancer
5	Prostate Cancer	10	Prostate BPH Diluted duplicate of Lane 6

Figure 3B

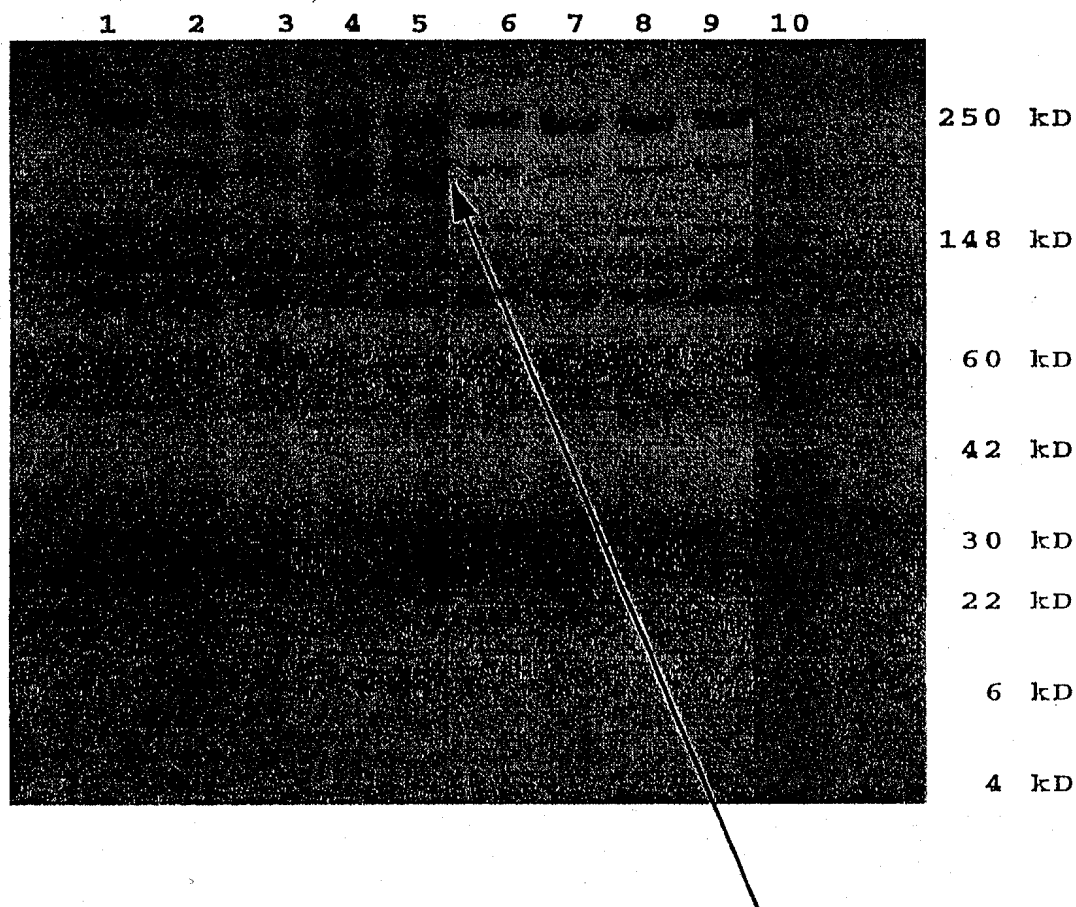


Lane	Tissue
1	100 bp DNA Marker
2	Placental DNA
3	Prostate BPH
4	Prostate Cancer
5	Colon Cancer
6	Colon Cancer
7	Normal Colon

Lane	Tissue
8	Breast Cancer
9	Breast Cancer
10	Normal Breast
11	Normal Lung
12	Normal Lung
13	Lung Cancer



Figure 4



Lane	Tissue
1	Colon Cancer
2	BPH
3	BPH
4	BPH
5	Prostate Cancer

Lane	Tissue
6	Normal Lung
7	Normal Lung
8	Breast Cancer
9	Breast Cancer
10	Mol Wt Markers